

STIC Database Tracking Number: 382506

To: NATALIE PASS
Location: KNX-5A41
Art Unit: 3686
Friday, January 13, 2012

Case Serial Number: 09/558519

From: ROBERT FINLEY
Location: EIC3600
KNX-2A80-C
Phone: (571)272-8952
robert.finley@uspto.gov

Search Notes

Dear Examiner Pass:

Please find attached the results of your search for the above-referenced case. The search was conducted in the Business Methods Template databases appropriate for the application.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

Dialog search results are presented in two formats, Word (.doc) and Acrobat (.pdf).

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search.

Contents

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I. Potential References of Interest

A. Dialog

Non-Patent Literature: Full Text

6/3,K/6 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2012 Gale/Cengage. All rts. reserv.

04174016 Supplier Number: 46097179 (USE FORMAT 7 FOR FULLTEXT)
FileNet Announces Visual WorkFlo Applications from 15 Partners; SolutionNet
Catalog showcases innovative solutions developed with Visual WorkFlo.
Business Wire, p01291036
Jan 29, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1650

... name, the application verifies the claimant's eligibility and processes the clinical diagnostic information from the patient following standard International Classification of Diseases and Current Procedural Terminology treatment codes. The application also compares submitted costs and procedures with allowable treatments and corresponding costs.

Legal

Andersen Consulting, Phoenix, Ariz., offers...

...Framework, a development environment that structures the operator interface for workflow and document-imaging applications. Key features include: a standard user interface for user entry, ViewSets that reorder image files based on document types, conversation logs and process metrics.

Soft Cell N.V., Deurne, Belgium, provides Integrated Development...

B. Additional Resources Searched

Nothing of interest found.

II. Inventor Search Results from Dialog

Patent Literature: Inventor search

File 347:JAPIO Dec 1976-2011/SEP(Updated 120106)

(c) 2012 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-201152

(c) 2011 European Patent Office

File 349:PCT FULLTEXT 1979-2012/UB=20120105|UT=20111229

(c) 2012 WIPO/Thomson

File 350:Derwent WPIX 1963-2011/UD=201201

(c) 2012 Thomson Reuters

Set Items Description

S1 43 AU=(BOESEN P? OR BOESEN MD P? OR BOESEN M D P? OR BOESEN M-.D. P?)

S2 2 S1 AND (MEDICAL? OR PROCEDUR? OR DIAGNOS? OR TREATMENT? OR INSURANCE OR BILLING OR INVOICE? ? OR INVOICING)(3N)(CODE OR - CODES OR CODED OR CODING)

2/3/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2012 WIPO/Thomson. All rts. reserv.

00848600 **Image available**

POINT OF SERVICE BILLING AND RECORDS SYSTEM

SYSTEME DE FACTURATION ET DE TENUE D'ARCHIVES A UN POINT DE SERVICES

Patent Applicant/Inventor:

BOESEN Peter V, 1000 73RD Street, Suite 18, Des Moines, IA 50311,

US, US (Residence), US (Nationality)

Legal Representative:

HARTY Jeffrey D (agent), Zarley, McKee, Thomte, Voorhees & Sease, 801

Grand Avenue, Suite 3200, Des Moines, IA 50309-2721, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200182244 A2 20011101 (WO 0182244)

Application: WO 2001US5091 20010215 (PCT/WO US0105091)

Priority Application: US 2000558519 20000426

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9766

2/3/2 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011138400 - Drawing available

WPI ACC NO: 2002-075112/200210

XRPX Acc No: N2002-055437

Code-driven computer system for health care billing that bills customer at point of service has computer program that run on front-end computer allowing user to update client database at any time

Patent Assignee: BOESEN P V (BOES-I)

Inventor: BOESEN P V

Patent Family (3 patents, 91 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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WO 2001082244	A2	20011101	WO 2001US5091	A	20010215	200210 B
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AU 200138421	A	20011107	AU 200138421	A	20010215	200219 E
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US 20050125320	A1	20050609	US 2000558519	A	20000426	200538 E
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US 200535220	A	20050113				
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Priority Applications (no., kind, date): US 2000558519 A 20000426; US

200535220 A 20050113

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
--------	------	-----	----	-----	--------	-------

WO 2001082244	A2	EN	52	31		
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National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY BZ

CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS

JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL

PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200138421	A	EN			Based on OPI patent	WO 2001082244
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US 20050125320	A1	EN			Continuation of application	US
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2000558519

Non-Patent Literature: Inventor search

File 2:INSPEC 1898-2012/Jan W2
(c) 2012 The IET

File 5:Biosis Previews(R) 1926-2012/Jan W2
(c) 2012 The Thomson Corporation

File 9:Business & Industry(R) Jul/1994-2012/Jan 12
(c) 2012 Gale/Cengage

File 13:BAMP 2012/Jan 12
(c) 2012 Gale/Cengage

File 15:ABI/Inform(R) 1971-2012/Jan 12
(c) 2012 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2012/Jan 09
(c) 2012 Gale/Cengage

File 20:Dialog Global Reporter 1997-2012/Jan 13
(c) 2012 Dialog

File 34:SciSearch(R) Cited Ref Sci 1990-2012/Jan W2
(c) 2012 The Thomson Corp

File 35:Dissertation Abs Online 1861-2011/Dec
(c) 2012 ProQuest Info&Learning

File 65:Inside Conferences 1993-2012/Jan 13
(c) 2012 BL.DSC all rts. reserv.

File 73:EMBASE 1974-2012/Jan 13
(c) 2012 Elsevier B.V.

File 75:TGG Management Contents(R) 86-2012/Jan W1
(c) 2012 Gale/Cengage

File 95:TEME-Technology & Management 1989-2010/Oct W3
(c) 2010 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2011/Nov
(c) 2011 The HW Wilson Co.

File 148:Gale Group Trade & Industry DB 1976-2012/Jan 10
(c) 2012 Gale/Cengage

File 149:TGG Health&Wellness DB(SM) 1976-2012/Jan W1
(c) 2012 Gale/Cengage

File 155:MEDLINE(R) 1950-2011/Dec 21
(c) format only 2012 Dialog

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2012/Jan 12
(c) 2012 Gale/Cengage

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

File 444:New England Journal of Med. 1985-2011/May W3
(c) 2011 Mass. Med. Soc.

File 474:New York Times Abs 1969-2012/Jan 13
(c) 2012 The New York Times

File 475:Wall Street Journal Abs 1973-2011/Feb 14

(c) 2011 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 Gale/Cengage
 File 610:Business Wire 1999-2012/Jan 13
 (c) 2012 Business Wire.
 File 613:PR Newswire 1999-2012/Jan 13
 (c) 2012 PR Newswire Association Inc
 File 621:Gale Group New Prod.Annou.(R) 1985-2012/Jan 12
 (c) 2012 Gale/Cengage
 File 624:McGraw-Hill Publications 1985-2012/Jan 13
 (c) 2012 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2012/Jan 12
 (c) 2012 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2012/Jan 09
 (c) 2012 Gale/Cengage
 File 647:UBM Computer Fulltext 1988-2012/Jan W2
 (c) 2012 UBM, LLC
 File 674:Computer News Fulltext 1989-2006/Sep W1
 (c) 2006 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	51	AU=(BOESEN, P? OR BOESEN P? OR BOESEN(3N)P? OR BOESEN()M()-D(3N)P?)
S2	0	S1 AND (MEDICAL? OR PROCEDUR? OR DIAGNOS? OR TREATMENT? OR INSURANCE OR BILLING OR INVOICE? ? OR INVOICING)(3N)(CODE OR - CODES OR CODED OR CODING)

III. Text Search Results from Dialog

A. Patent Files, Full-text

Patent Literature: Full Text

Dialog files: 348,349

File 348:EUROPEAN PATENTS 1978-201152

(c) 2011 European Patent Office

File 349:PCT FULLTEXT 1979-2012/UB=20120105|UT=20111229

(c) 2012 WIPO/Thomson

Set	Items	Description
S1	19456	(MEDICAL? OR PROCEDUR? OR DIAGNOS? OR TREATMENT? OR INSURANCE OR BILLING OR INVOICE? ? OR INVOICING)(5N)(CODE OR CODES - OR CODED OR CODING)
S2	615	((USER? ? OR BROWSER OR WEB OR WEBBASE?)(2N)(INTERFACE? ? - OR WORKSPACE? OR WORK()SPACE? ?) OR FRONT()END OR FRONTEND OR UI OR GUI)(8N)(REORDER? OR RESORT? OR RANK?? OR RANKING OR ORDER?? OR ORDERING OR SORT OR SORTING OR SORTED OR CATEGORI? OR RECATEGORI? OR CLASSIF? OR RECLASSIF?)
S3	128	(REORDER? OR RESORT? OR RANK OR RANKS OR RANKED OR RANKING OR ORDER OR ORDERED OR ORDERING OR SORT OR SORTING OR SORTED - OR CATEGORI? OR RECATEGORI? OR CLASSIF? OR RECLASSIF?)(5N)(PATIENT OR PATIENTS)(5N)(CODE OR CODES OR CODED OR CODING)
S4	16	S1(F)S2(F)S3
S5	2	S4 NOT (AD>2004 OR AY>2004)

5/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2011 European Patent Office. All rts. reserv.

01088908

SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MONITORING, DIAGNOSING AND TREATING MEDICAL CONDITIONS OF REMOTELY LOCATED PATIENTS
SYSTEME, VERFAHREN UND RECHNERPROGRAMMPRODUKTE ZUR UBERWACHUNG, DIAGNOSE

UND BEHANDLUNG VON MEDIZINISCHEN ZUSTANDEN VON ENTFERNT LIEGENDEN KRANKEN

SYSTEMES, METHODES ET PROGRAMMES INFORMATIQUES POUR LA SURVEILLANCE, LE DIAGNOSTIC ET LE TRAITEMENT D'ETATS PATHOLOGIQUES PRESENTES PAR DES PATIENTS SITUES A DISTANCE

PATENT ASSIGNEE:

ZyCare, Inc., (2847261), 3804 Sweeten Creek road, Chapel Hill, NC 27514,
(US), (Proprietor designated states: all)

INVENTOR:

SURWIT, Richard, S., 3804 Sweeten Creek Road, Chapel Hill, NC 27514, (US)
ALLEN, Lyle, M., III, 3937 Nottaway Road, Durham, NC 27707, (US)
CUMMINGS, Sandra, E., 3804 Sweeten Creek Road, Chapel Hill, NC 27514,
(US)

LEGAL REPRESENTATIVE:

Harrison Goddard Foote (101451), Belgrave Hall Belgrave Street, Leeds LS2
8DD, (GB)

PATENT (CC, No, Kind, Date): EP 1062615 A1 001227 (Basic)

EP 1062615 B1 030502

WO 99046718 990916

APPLICATION (CC, No, Date): EP 98965467 981221; WO 98US27447 981221

PRIORITY (CC, No, Date): US 42048 980313

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1197907 (EP 2002001241)

INTERNATIONAL PATENT CLASS (V7): G06F-019/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	200318	1224
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CLAIMS B	(German)	200318	1149
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CLAIMS B	(French)	200318	1505
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SPEC B	(English)	200318	10770
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Total word count - document A	0
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Total word count - document B	14648
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Total word count - documents A + B	14648
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...SPECIFICATION computer readable code to execute a method according to
the invention.

The computer program product may include computer readable program
code means for monitoring patient usage of medical
supplies and code means for ordering medical supplies
for patients.

The present invention is advantageous because physicians and other
health care providers can remotely monitor, identify and treat patient
medical...exemplary user interface 30 wherein a list 31 of medical
conditions for a plurality of patients is displayed in priority
order. In the illustrated user interface 30, the
patient with the highest priority medical condition is listed first. A
filter allows a user (case manager) to...

5/3,K/2 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2012 WIPO/Thomson. All rts. reserv.

01000058 **Image available**

HEALTH CARE MANAGEMENT METHOD AND SYSTEM
PROCEDE ET SYSTEME DE GESTION DE SOINS DE SANTE

Patent Applicant/Assignee:

MDOFFICES COM INC, 1375 Broadway, Suite 600, New York, NY 10018, US, US
(Residence), US (Nationality)

Inventor(s):

SMITH Kevin L, 70 West Chestnut Street, Kingston, NY 12401, US,

Legal Representative:

JABLON Clark A (et al) (agent), Akin Gump Strauss Hauer & Feld LLP, One
Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA
19103-7086, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200330069 A1 20030410 (WO 0330069)

Application: WO 2002US31555 20021002 (PCT/WO US0231555)

Priority Application: US 2001326859 20011003

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 29025

Fulltext Availability:

Detailed Description

Detailed Description

... not been completed, an order for a health care activity has been
completed but not yet released from the portable user
interface device, an order for a health care activity has
been released from the portable user interface device but no results
have been returned to the portable user interface device,
only a portion of an ordered health care activity has been
completed, an ordered health care activity has been completed, or an
ordered health care activity...present invention enables the doctor to
electronically authorize and schedule the execution of prescriptions, lab

tests and consultation referrals, implement procedure and diagnosis coding, and generate claims and medical records. All clinical data is fed back to the doctor through instant messaging on the handheld device. All documentation I...Routine" (within the lab's routine turn-around time).

[01161 (2) "Collected": a specimen has already been collected. Entries including procedure codes for the specimen collection are automatically posted to a Code list.

[01171 (3) "Track": the test is tagged for tracking...Routine" (within the provider's routine turn-around time).

[01301 (2) "Performed": the study has already been performed. Entries including procedure codes for the performed study are automatically posted to a Code list.

[01311 (3) "Repeating": repeating requests for previously requested studies...handheld device's display. For example, if the doctor ordered an EKG performed STAT in the doctor's office, the procedure code already appears on a Code list. If the doctor ordered a 15 routine CBC and noted it as being collected, the procedure code for collecting the specimen appear ...the following six most frequently performed and time-consuming non-clinical actions.

B. Patent Files, Abstract

Patent Literature: Non-Full Text

Dialog files: 347,350

File 347:JAPIO Dec 1976-2011/SEP(Updated 120106)

(c) 2012 JPO & JAPIO

File 350:Derwent WPIX 1963-2011/UD=201201

(c) 2012 Thomson Reuters

Set	Items	Description
S1	8688	(MEDICAL? OR PROCEDUR? OR DIAGNOS? OR TREATMENT? OR INSURANCE OR BILLING OR INVOICE? ? OR INVOICING)(5N)(CODE OR CODES - OR CODED OR CODING)
S2	25	((USER? ? OR BROWSER OR WEB OR WEBBASE?)(2N)(INTERFACE? ? - OR WORKSPACE? OR WORK()SPACE? ?) OR FRONT()END OR FRONTEND OR UI OR GUI)(8N)(REORDER? OR RESORT? OR RANK?? OR RANKING OR OR-

S3 DER?? OR ORDERING OR SORT OR SORTING OR SORTED OR CATEGORI? OR
 RECATOGORI? OR CLASSIF? OR RECLASSIF?)
 45 (REORDER? OR RESORT? OR RANK OR RANKS OR RANKED OR RANKING
 OR ORDER OR ORDERED OR ORDERING OR SORT OR SORTING OR SORTED -
 OR CATEGORI? OR RECATOGORI? OR CLASSIF? OR RECLASSIF?)(5N)(PA-
 TIENT OR PATIENTS)(5N)(CODE OR CODES OR CODED OR CODING)
 S4 2 S1 AND S2 AND S3

4/3,K/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2012 Thomson Reuters. All rts. reserv.

0017349898 - Drawing available
 WPI ACC NO: 2008-B70337/200812
 XRPX Acc No: N2008-134918
 Pharmacy information system for use in pharmacy and order data processing
 system, has utilization processor processing data associating order
 identifiers and diagnosis identifiers for determining utilization
 information
 Patent Assignee: SIEMENS MEDICAL SOLUTIONS USA INC (SIEI)
 Inventor: MILLER R F; PORTNOY A M
 Patent Family (2 patents, 1 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20080027755	A1	20080131	US 2006820269	P	20060725	200812 B
			US 2007780691	A	20070720	
US 7844470	B2	20101130	US 2006820269	P	20060725	201079 E
			US 2007780691	A	20070720	

Priority Applications (no., kind, date): US 2006820269 P 20060725; US
 2007780691 A 20070720

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20080027755	A1	EN	13	8	Related to Provisional US 2006820269
US 7844470	B2	EN			Related to Provisional US 2006820269

Alerting Abstract ...has a user e.g. pharmacist, interface processor (26)
 providing data representing a display image supporting a user entry of
 coded diagnosis identifiers. An order repository (17) stores
 information associating order identifiers and the diagnosis identifiers. A
 utilization processor (25) processes data...

...determining utilization information indicating usage characteristics of
 medication i.e. chemotherapy drug, for treatment of a condition indicated
 by a coded diagnosis. DESCRIPTION - An INDEPENDENT CLAIM is

also included for a pharmacy or medication order entry user interface system comprising a user interface processor...

...USE - Pharmacy information system for use with a hospital information system (HIS) in a pharmacy and order data processing system for linking standardized coded diagnoses in an associated patient record, and for determining medication i.e. chemotherapy drug, usage characteristics...

...ADVANTAGE - The system links the coded diagnosis of a patient and an associated order for providing the medication data and real-time patient medical data to a pharmacist and a hospital, thus concurrently generating...

Original Publication Data by Authority

Argentina

4/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0017001514 - Drawing available
WPI ACC NO: 2007-716578/200767
XRPX Acc No: N2007-564294

Patient treatment decision support system for healthcare enterprise, has pre-processor analyzing and collating patient treatment order information based on criteria to provide information identifying treatment orders for patient

Patent Assignee: SIEMENS MEDICAL SOLUTIONS HEALTH SERVICE (SIEI)

Inventor: SODERBERG J B

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20070162312	A1	20070712	US 2005737343	P	20051116	200767 B
			US 2006538515	A	20061004	

Priority Applications (no., kind, date): US 2005737343 P 20051116; US 2006538515 A 20061004

Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20070162312 A1 EN 13 6 Related to Provisional US 2005737343

Alerting Abstract ...NOVELTY - The system has a pre-processor analyzing and collating historical patient treatment order information for different patients based on criteria including diagnostic

code to provide historical treatment order information identifying treatment orders initiated for patients. A user interface (17) receives the user entered data identifying a treatment order for a particular patient having particular characteristics and provides a...

Original Publication Data by Authority

Argentina

IV. Text Search Results from Dialog

A. NPL Files, Abstract

Non-Patent Literature: Non-Full Text

Dialog files: 2,5,34,35,65,73,95,99,155,434,474,475,583

File 2:INSPEC 1898-2012/Jan W2

(c) 2012 The IET

File 5:Biosis Previews(R) 1926-2012/Jan W2

(c) 2012 The Thomson Corporation

File 34:SciSearch(R) Cited Ref Sci 1990-2012/Jan W2

(c) 2012 The Thomson Corp

File 35:Dissertation Abs Online 1861-2011/Dec

(c) 2012 ProQuest Info&Learning

File 65:Inside Conferences 1993-2012/Jan 13

(c) 2012 BLDSC all rts. reserv.

File 73:EMBASE 1974-2012/Jan 13

(c) 2012 Elsevier B.V.

File 95:TEME-Technology & Management 1989-2010/Oct W3

(c) 2010 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2011/Nov

(c) 2011 The HW Wilson Co.

File 155:MEDLINE(R) 1950-2011/Dec 21

(c) format only 2012 Dialog

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 2006 The Thomson Corp

File 474:New York Times Abs 1969-2012/Jan 13

(c) 2012 The New York Times

File 475:Wall Street Journal Abs 1973-2011/Feb 14

(c) 2011 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 Gale/Cengage

Set Items Description

S1 43666 (MEDICAL? OR PROCEDUR? OR DIAGNOS? OR TREATMENT? OR INSURANCE OR BILLING OR INVOICE? ? OR INVOICING)(5N)(CODE OR CODES - OR CODED OR CODING)

S2 9 ((USER? ? OR BROWSER OR WEB OR WEBBASE?)(2N)(INTERFACE? ? - OR WORKSPACE? OR WORK()SPACE? ?) OR FRONT()END OR FRONTEND OR UI OR GUI)(8N)(REORDER? OR RESORT? OR RANK?? OR RANKING OR ORDER?? OR ORDERING OR SORT OR SORTING OR SORTED OR CATEGORI? OR RECATOGORI? OR CLASSIF? OR RECLASSIF?)

S3 9 S1 AND S2

S4 6 S3 NOT PY>2000

4/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2012 The IET. All rts. reserv.

05529411

Title: Combining image classification and image compression using vector quantization

Author(s): Oehler, K.L. 1; Gray, R.M. 1

Affiliation(s):

1. Dept. of Electr. Eng., Stanford Univ., CA, USA

Book Title: DCC '93. Data Compression Conference (Cat. No.93TH0536-3)

Inclusive Page Numbers: 2-11

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA

Country of Publication: USA

Publication Date: 1993

Conference Title: DCC '93. Data Compression Conference

Conference Date: 30 March-2 April 1993

Conference Location: Snowbird, UT, USA

Conference Sponsor: IEEE NASA/CESDIS

Editor(s): Storer, J.A.; Cohn, M.

ISBN: 0-8186-3392-1

U.S. Copyright Clearance Center Code: 08186 3392 1/93/\$3.00

Item Identifier (DOI): <http://dx.doi.org/10.1109/DCC.1993.253150>

Number of Pages: xiii+505

Language: English

Subfile(s): B (Electrical & Electronic Engineering); C (Computing & Control Engineering)

INSPEC Update Issue: 1993-045

Copyright: 1993, IEE

Abstract: ...produce codes where the compressed image incorporates classification information without further signal processing. This technique can provide direct low level classification or an efficient front end to more sophisticated full-frame recognition algorithms. Vector quantization is a natural choice because two of its design components, clustering...

Descriptors: Bayes methods; computerised tomography; image coding; medical image processing; vector quantisation

4/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

(c) 2012 The IET. All rts. reserv.

05199413

Title: The design and implementation, using an object oriented methodology, of a user friendly primary health care patient management system based on the ICPC classification

Author(s): Elias, A.W. 1

Affiliation(s):

1. Dept. of Comput. Sci., Univ. Coll. London, UK

Book Title: Medical Informatics Europe 1991. Proceedings

Inclusive Page Numbers: 754-8

Publisher: Springer-Verlag, Berlin

Country of Publication: Germany

Publication Date: 1991

Conference Title: Medical Informatics Europe 1991

Conference Date: 19-22 Aug. 1991

Conference Location: Vienna, Austria

Editor(s): Adlassnig, K.-P.; Grabner, G.; Bengtsson, S.; Hansen, R.

ISBN: 3-540-54392-9

Number of Pages: xxii+1089

Language: English

Subfile(s): C (Computing & Control Engineering)

INSPEC Update Issue: 1992-033

Copyright: 1992, IEE

Abstract: The widespread acceptance of medical nomenclature coding schemes depends on their relevance and ease of use. This paper considers one such scheme, the ICPC (International Classification of...)

Identifiers: implementation; user friendly primary health care patient management system; ICPC; medical nomenclature coding schemes ; International Classification of Primary Care; user interface; object-oriented design methodology

4/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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04552925

Title: Information systems to support medical practice and scientific discovery

Author(s): Lindberg, D.A.B. 1

Affiliation(s):

1. Nat. Libr. of Med., Bethesda, MD, USA
Journal: Methods of Information in Medicine, vol.28, no.4, pp.202-6
Country of Publication: West Germany
Publication Date: Nov. 1989
Conference Title: International Symposium on Medical Informatics and Education
Conference Date: 15-19 May 1989
Conference Location: Victoria, BC, Canada
ISSN: 0026-1270
ISSN Type: print
CODEN: MIMCAI
Language: English
Subfile(s): C (Computing & Control Engineering)
INSPEC Update Issue: 1990-005

Copyright: 1990, IEE
Identifiers: information systems; bibliographic databases; file size;
online searching; patient care; medical informatics;
classification; coding; user interface;
computing methodologies; medical practice; scientific discovery;
educational applications; user's access; published scientific literature
; factual databases; MEDLARS; electronic queries; value-added networks;
research...

4/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2012 The IET. All rts. reserv.

03874363

Title: Automated classification and coding based on extracted surface
features in a CAD data base
Author(s): Wang, H.-P. 1; Cheng, H.
Affiliation(s):
1. Dept. of Ind. Eng., State Univ. of New York, Buffalo, NY, USA
Journal: International Journal of Advanced Manufacturing Technology, vol.2
, no.1, pp.25-38
Country of Publication: UK
Publication Date: Feb. 1987
ISSN: 0268-3768
ISSN Type: print
CODEN: IJATEA
Language: English
Subfile(s): C (Computing & Control Engineering); E (Mechanical &
Production Engineering)
INSPEC Update Issue: 1987-011

Copyright: 1987, IEE

Abstract: ...interpretation, an algorithm for automatically extracting surface features of symmetrical rotational parts was developed. This algorithm is used as the front-end of an automated classification and coding system. The methodology is detailed and an implementation procedure for generating KK3 GT codes is described along with examples.

4/3,K/5 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2010 FIZ TECHNIK. All rts. reserv.

00914805 F95070131940
Computergestuetzte Diagnosen- und Leistungscodierung mit MedAccess
(Computer aided coding of diagnoses and physician's work with means of MedAccess)
Basad, E
Orthopaedische Universitaetsklinik, Giessen, D
Biomedical Journal, vB27, n43, pp9-12, 1995
Document type: journal article Language: German
Record type: Abstract
ISSN: 0177-3143

(Computer aided coding of diagnoses and physician's work with means of MedAccess)
...DESCRIPTORS: HOSPITAL INFORMATION SYSTEM; PROGRAM DEVELOPMENT; ORTHOPEDICS; CLINICAL DIAGNOSTICS; USER INTERFACES; PATIENT DATA MANAGEMENT; BONE FRACTURE; CLASSIFICATION; DISEASE; SERVICE; DOCTORS; KEY

4/3,K/6 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2012 Dialog. All rts. reserv.

12077146 PMID: 8583167
Coding medical concepts: a controlled experiment with a computerised coding tool.
Hohnloser J H; Purner F; Kadlec P
Med. Klinik, Klinikum Innenstadt, Ludwig-Maximilians-Universitat, Munchen, Germany.
International journal of clinical monitoring and computing (NETHERLANDS)
1995, 12 (3) p141-5, ISSN 0167-9945--Print 0167-9945--Linking

Journal Code: 8601284
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

Coding medical concepts: a controlled experiment with a computerised coding tool.

In clinical routine there is a growing need to encode medical concepts with available standard coding systems. The coding process can be time consuming and may significantly add to daily paperwork, particularly regarding patients with multiple...
... turnover of patients. We have developed a generic computerised encoding tool--the PADS encoder--to ensure rapid, correct and complete coding of diagnoses in daily routine. The tool is integrated into an electronic patient record system (PADS, Patient Archiving & Documentation System) and takes...

; Computer Communication Networks; Database Management Systems; Humans; Medical Records Systems, Computerized--classification--CL; Quality Control; User-Computer Interface; Vocabulary, Controlled

B. NPL Files, Full-text

Non-Patent Literature: Full Text

Dialog files: 9,13,15,16,20,75,148,160,149,275,444,610,613,621,624,634,636,647,674,810,813

File 9:Business & Industry(R) Jul/1994-2012/Jan 12

(c) 2012 Gale/Cengage

File 13:BAMP 2012/Jan 12

(c) 2012 Gale/Cengage

File 15:ABI/Inform(R) 1971-2012/Jan 12

(c) 2012 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2012/Jan 09

(c) 2012 Gale/Cengage

File 20:Dialog Global Reporter 1997-2012/Jan 13

(c) 2012 Dialog

File 75:TGG Management Contents(R) 86-2012/Jan W1

(c) 2012 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2012/Jan 10

(c) 2012 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 149:TGG Health&Wellness DB(SM) 1976-2012/Jan W1

(c) 2012 Gale/Cengage
 File 275:Gale Group Computer DB(TM) 1983-2012/Jan 12
 (c) 2012 Gale/Cengage
 File 444:New England Journal of Med. 1985-2011/May W3
 (c) 2011 Mass. Med. Soc.
 File 610:Business Wire 1999-2012/Jan 13
 (c) 2012 Business Wire.
 File 613:PR Newswire 1999-2012/Jan 13
 (c) 2012 PR Newswire Association Inc
 File 621:Gale Group New Prod.Annou.(R) 1985-2012/Jan 12
 (c) 2012 Gale/Cengage
 File 624:McGraw-Hill Publications 1985-2012/Jan 13
 (c) 2012 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2012/Jan 12
 (c) 2012 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2012/Jan 09
 (c) 2012 Gale/Cengage
 File 647:UBM Computer Fulltext 1988-2012/Jan W2
 (c) 2012 UBM, LLC
 File 674:Computer News Fulltext 1989-2006/Sep W1
 (c) 2006 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	372955	(MEDICAL? OR PROCEDUR? OR DIAGNOS? OR TREATMENT? OR INSURANCE OR BILLING OR INVOICE? ? OR INVOICING)(5N)(CODE OR CODES - OR CODED OR CODING)
S2	163	((USER? ? OR BROWSER OR WEB OR WEBBASE?)(2N)(INTERFACE? ? - OR WORKSPACE? OR WORK()SPACE? ?) OR FRONT()END OR FRONTEND OR UI OR GUI)(8N)(REORDER? OR RESORT? OR RANK?? OR RANKING OR ORDER?? OR ORDERING OR SORT OR SORTING OR SORTED OR CATEGORI? OR RECATEGORI? OR CLASSIF? OR RECLASSIF?)
S3	13099	(REORDER? OR RESORT? OR RANK OR RANKS OR RANKED OR RANKING OR ORDER OR ORDERED OR ORDERING OR SORT OR SORTING OR SORTED - OR CATEGORI? OR RECATEGORI? OR CLASSIF? OR RECLASSIF?)(15N)(CODE OR CODES OR CODED OR CODING)
S4	37	S1 AND S2 AND S3
S5	16	S4 NOT PY>2000
S6	12	RD (unique items)

6/3,K/1 (Item 1 from file: 13)
 DIALOG(R)File 13:BAMP
 (c) 2012 Gale/Cengage. All rts. reserv.

00536241 Supplier Number: 23787627 (USE FORMAT 7 OR 9 FOR FULLTEXT)

SIMULATION MODELING

(Although advertisements for simulation software frequently tout how quickly simulation models can be created with no programming required, real system modeling does require some programming)

Article Author(s): Banks, Jerry; Gibson, Randall

IIE Solutions, v 29, n 2, p 26-31

February 1997

DOCUMENT TYPE: Journal; Guideline ISSN: 1085-1259 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3618

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

Building a valid simulation model of real systems requires some programming. Programming pertains to the process of designing, coding, and testing the procedures necessary to imitate real system activities and logic. A program is a series of instructions that a computer can interpret...

...the instructions. It is said that the development of user interfaces reflects the evolution of programming languages over the generations. User interfaces can be divided roughly into three categories. The interrogative category leads the user through the steps. The declarative category lets the user fill in the blanks. The...

TEXT:

...building a valid simulation model of real systems does require some programming. Programming simply refers to the process of designing, coding, and testing the procedures necessary to imitate real system activities and logic--the real behavior of the system.

This process could take the form...

...of others followed, many of which are still in use. The most popular are BASIC (Beginners All-purpose Symbolic Instruction Code) and C. These languages allowed much more complex programs to be developed in relatively short order, and allowed the development of many new applications (although still by trained experts). The very first commercially available simulation software...

...of the detail and logic needed in the model while attempting to fit the model to the software's capabilities.

User interfaces can be partitioned roughly into three

categories:

* Interrogative--The software leads the user through the steps. An example is the interview mode in your tax preparation software...

6/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2012 ProQuest Info&Learning. All rts. reserv.

02244791 86923892
TESPAR paves the way for smart sensors
Martin H. George
Sensor Review v17n2 PP: 131-137 1997
ISSN: 0260-2288 JRNL CODE: SEN
WORD COUNT: 2742

...TEXT: of automatic signal recognition applications. TESPAR/FANN involves the integration of novel time encoded signal processing and recognition (TESPAR) waveform coding procedures with orthogonal fast artificial neural networks (FANNs) in purpose-designed structures that permit highly flexible decision making/data fusion hierarchies to be tailored to match the needs of the recognition or classification task, however simple or complex.

TESPAR coding

TESPAR is a new simplified digital language, first proposed by King and Gosling[1] for coding speech. The process is...

...outlined in Voelcker[3] and Requicha[4].
Given the real and complex zero locations of the signal, a vector quantization procedure has been deployed to code these data into a small series of discrete numerical descriptors, typically around 30 (the TESPAR symbol alphabet). Holbeche[5] gives...to 1 provides the "good" to "no good" condition warning. But TESPAR/FANN based smart sensors have the potential to classify many possible conditions.

For developers wanting to create smart sensors, the TESPAR coding and vector quantization process is already available both as a software algorithm, and in a low power ASIC silicon design...

...an extensive library of both conventional and TESPAR signal processing and data analysis software, operating under the popular MATLAB graphical user interface. FANN classification architectures are created, trained, tested and interrogated within the system using the

proprietary FasTEST software suite. This development facility is...

6/3,K/3 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2012 ProQuest Info&Learning. All rts. reserv.

00626706 92-41808
From a Maintenance to a Management System
Kimmel, Peter S.
Facilities Design & Management v11n7 PP: 27 Jul 1992
ISSN: 0279-4438 JRNL CODE: FDM
WORD COUNT: 935

...ABSTRACT: information needed to run better maintenance and alterations programs. Capabilities of WMSs include scheduling, budget variances, equipment problem diagnosis, purchase order cost reductions and predictive maintenance. Technology advances such as bar coding, windows-based systems and CAD interfaces are adding even more capabilities to today's systems. Whether WMSs will be cost...

...TEXT: which skills, crews, and types of work result in the biggest discrepancies between budgeted costs and actual expenditures.

* EQUIPMENT PROBLEM DIAGNOSIS. Codes can be applied to describe completed work. These can help track the cause of equipment failure among similar equipment. Records...

...maintenance must be scheduled sooner.

TODAY'S TECH. Technology advances are adding even more capabilities to today's systems. Bar coding is leading to paperless work orders and eliminating manual input of work order data on PC. In the future, because of the their storage and processing capabilities, pen-based computers will enhance WMS...

...have a natural allure. Before taking the jump, however, be sure that staffers are comfortable with Windows. In addition, CAD interfaces enable users to attach graphics to the work order. They also let a user look at equipment on the floorplan, and then instantly look up its maintenance history.

Interfaces...

6/3,K/4 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

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06057256 Supplier Number: 54466905 (USE FORMAT 7 FOR FULLTEXT)

SECTION 8: COMPUTER MANAGEMENT SYSTEMS.

Printing Impressions, v41, n2, p332(1)

July, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2529

... print shop management software program. PrintSmith is fully compatible with Windows 95, Windows NT and Macintosh computer networks. Handles estimating, invoicing, work-in-process, bar-code job tracking, accounts receivable, statements, account history, job costing, custom reports and more.

Circle 545 on Info Card

Avanti Computer...Great Plains accounting software.

Circle 536 on Info Card

Tailored Solutions

Litho Traxx software for sheet-fed lithographic printing shops.

GUI allows users to intuitively work through estimating, order processing, ticketing, scheduling and invoicing phases of job management.

Cross-platform database can be customized to the needs of conventional...

...book, carton, flexo and roll label printers and quick plan estimating;

job costing; inventory/purchasing; full accounting; payroll; finished goods

order entry; scheduling/job tracking; bar-code

inventory; distribution reporting (insert printers);

6/3,K/5 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2012 Gale/Cengage. All rts. reserv.

04410985 Supplier Number: 46471362 (USE FORMAT 7 FOR FULLTEXT)

A RADical approach, part 2

InfoWorld, p100

June 17, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 5991

... could transparently access remote tables in the database server without knowing their physical locations. When the client called this stored procedure, the portion of code that retrieves data was redirected to the database server through the synonyms, while the CPU-intensive part of the procedure...and drill down into them. With the

PDF capability, Developer 2000 applications can be regenerated on the Web, with no coding required.

Later this year, Oracle plans to implement Web forms that allow direct order-entry via the Web interface.

Finally, Powersoft's PowerBuilder 5.0 enables the creation of OLE servers. Browser plug-ins will be supported in a...

6/3,K/6 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04174016 Supplier Number: 46097179 (USE FORMAT 7 FOR FULLTEXT)
FileNet Announces Visual WorkFlo Applications from 15 Partners; SolutionNet
Catalog showcases innovative solutions developed with Visual WorkFlo.
Business Wire, p01291036
Jan 29, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1650

... name, the application verifies the claimant's eligibility and processes the clinical diagnostic information from the patient following standard International Classification of Diseases and Current Procedural Terminology treatment codes. The application also compares submitted costs and procedures with allowable treatments and corresponding costs.

Legal
Andersen Consulting, Phoenix, Ariz., offers...

...Framework, a development environment that structures the operator interface for workflow and document-imaging applications. Key features include: a standard user interface for user entry, ViewSets that reorder image files based on document types, conversation logs and process metrics.

Soft Cell N.V., Deurne, Belgium, provides Integrated Development...

6/3,K/7 (Item 1 from file: 75)
DIALOG(R)File 75:TGG Management Contents(R)
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00196308 SUPPLIER NUMBER: 19131986 (USE FORMAT 7 FOR FULL TEXT)
Simulation modeling: some programming required.
Banks, Jerry; Gibson, Randall
IIE Solutions, v29, n2, p27(5)

Feb, 1997

ISSN: 1085-1259 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4086 LINE COUNT: 00327

...ABSTRACT: programming to be effective, contrary to what simulation software advertisers claim. As a definition, programming is the process of designing, coding and testing the procedures needed to emulate the actual behavior of the system, including actual system activities and logic. Simulation software that does not...

TEXT:

...building a valid simulation model of real systems does require some programming. Programming simply refers to the process of designing, coding, and testing the procedures necessary to imitate real system activities and logic - the real behavior of the system.

... of others followed, many of which are still in use. The most popular are BASIC (Beginners All-purpose Symbolic Instruction Code) and C. These languages allowed much more complex programs to be developed in relatively short order, and allowed the development of many new applications (although still by trained experts). The very first commercially available simulation software...of the detail and logic needed in the model while attempting to fit the model to the software's capabilities.

User interfaces can be partitioned roughly into three categories:

* Interrogative - The software leads the user through the steps. An example is the interview mode in your tax preparation software...

6/3,K/8 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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08758105 SUPPLIER NUMBER: 18405530 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A RADical approach. (Oracle Developer 2000 Release 1.3, Borland Delphi

Client/Server Suite 2.0, and Microsoft Visual Basic 4.0 Enterprise

Edition rapid application development tools)(includes related articles on

the test results, the testing process, application development software

for the Web, and application partitioning) (Software Review)(Evaluation)

Petreley, Nicholas; Dowgiallo, Ed; Ng, Terence; Wang, Yun P.

InfoWorld, v18, n25, p100(10)

June 17, 1996

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 12587 LINE COUNT: 01019

... properties and declared RDO variables to interface to the remote database. This required us to write quite a lot of code in order to coordinate the interaction of the master-detail form and then populate the user-interface widgets with data. We'd...could transparently access remote tables in the database server without knowing their physical locations. When the client called this stored procedure, the portion of code that retrieves data was redirected to the database server through the synonyms, while the CPU-intensive part of the procedure...and drill down into them. With the PDF capability, Developer 2000 applications can be regenerated on the Web, with no coding required.

Later this year, Oracle plans to implement Web forms that allow direct order-entry via the Web interface.

Finally, Powersoft's PowerBuilder 5.0 enables the creation of OLE servers. Browser plug-ins will be supported in a...

6/3,K/9 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07762726 SUPPLIER NUMBER: 16684413 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The choices for taking inventory - and control: a menu of possibilities is available to stores that want to install - or upgrade - computer inventory control systems.(Directory)

Stander, Bella

Publishers Weekly, v242, n12, p33(3)

March 20, 1995

DOCUMENT TYPE: Directory ISSN: 0000-0019 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3298 LINE COUNT: 00284

... reports; mail orders; to be ordered/returned lists; publisher frontlists; CD-ROM interface with BIP and B&T Link; electronic ordering with all major vendors including PUBNET. Optional accounting interface.

Target user: Single or multi-store operations, from single-station to 25 terminals; unlimited sales capacity.

Price: Software starts at \$1975.

Background...

...or as a DOS task in Windows. POS; assignable product types; handles sidelines without dummy ISBNs; over 64,000 subject classifications permitted; can handle 60,000-plus vendors; search by truncated title, author, ISBN, title code or keyword to find any inventory item in less than two seconds; custom reports; title flagging and comments;

electronic ordering...user-defined fields; POS EAN and UPC barcode scanning; price/title update; future and mass pricing; multiple pricing levels; season codes; accounting; invoice printing; mail list; special and mail orders; customer tracking; customer status check; book club; postal data exchange; custom report generator...314) 446-5249.

Contact: Dennis Flanagan, MBS Systems

Features: Runs on the IBM AS/400 line. Multi-user; expandable. POS; ordering; receiving; returns; stock replenishment; bar code scanning and printing; special orders; mailing list and labels; reports; includes a 125,000-title database (mostly from Ingram Ready...

6/3,K/10 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03138538 SUPPLIER NUMBER: 05055782 (USE FORMAT 7 OR 9 FOR FULL TEXT)

User-friendly group technology beckons; advances in information management

make GT more attractive to clients. (group technology) (Iron Age:

Manufacturing Management)

Harvey, Robert E.

Metalworking News, v14, p20(2)

June 29, 1987

ISSN: 0891-4036 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2494 LINE COUNT: 00204

... More Extensive Systems

"All too often, the understanding, or rather the misunderstanding, is that GT is another term for using classification and coding techniques to group parts into families to support the creation of dedicated manufacturing cells,' suggests Millar. "A few years ago...Parts, materials, processes, tools, schedules, purchases and even sales and facilities planning activities are among the things capable of GT treatment.

Classification and coding have been at the heart of GT.

In a library, a book's classification might be "history,' but its code would be the numbers and letters that uniquely position that book within the history classification. Coding and classification in group technology is very similar. However, GT coding can be far more complex than library coding.

Classification and coding can describe a component by its design, manufacturing and functional characteristics.

"Using standardized numerical values to describe each of these...

...designs. GT would permit a designer to easily call up any duplicates or similar designs created in the past.

Although classification and coding have been central to GT in the past, coding has been a headache. In addition, coding systems tend to suffer from inaccuracies and inflexibilities.

"A classification system groups parts together based on their similarities," reports Granville. "In the past, codes have been used to implement classification systems. A code is a system of symbols used in information processing in which numbers or letters in specific code digit positions are...

...all the characteristics and attributes of such entities as designs, processes and assemblies first had to be translated into a code before they could be grouped into categories. Because computers have become so powerful, it reportedly is no longer necessary to break everything down into a code to classify it. GT software is beginning to appear that simply classifies things by their real attributes, eliminating the middle step of coding.

There are a number of problems associated with using code systems for classification and retrieval, explains Granville. Code systems can be inaccurate. In addition, "code systems are inflexible and often cannot accommodate new technologies and changes in the product line," he adds.

Not only that...

...toward highly-automated, intelligent systems," explains Granville. "Synergistic technologies triggering this evolution include rule-based expert systems; advanced group technology classification and generative process planning; artificial intelligence; natural language user interfaces; voice recognition for data entry; advanced computer graphics; and human engineering."

Artificial intelligence (AI) and expert systems in particular will... the corner.

Table: Benefits of Using Group Technology/ Computer-Aided Process Planning

Table: Projected Growth of GT and CAPP

Photo: Classification and coding systems handle a wide variety of component types. The MultiClass GT system at OIR, for example, addresses the above areas.

6/3,K/11 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2012 Gale/Cengage. All rts. reserv.

01848461 SUPPLIER NUMBER: 17587507 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DBArtisan 2.02. (Embarcadero Technologies Inc's database administration software) (Software Review)(Evaluation)

Williams, Joseph
DBMS, v8, n11, p28(4)

Oct, 1995

DOCUMENT TYPE: Evaluation ISSN: 1041-5173 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2568 LINE COUNT: 00201

... clicking. Destructive actions, such as truncating a table or dropping a trigger, spawn a warning that requires user acknowledgment in order to proceed. Using the graphical user interface to create and edit objects is a straightforward process, and is much easier than writing lines of messy Transact SQL...utility's ease of use, I created a comma-delimited file consisting of 10,000 companies matching certain standard industrial classification (SIC) code requirements, and saved it on my hard drive. I then selected Data Import from the Tools menu. The import dialog...

...code generator eliminates much of the headache of writing stored procedures and triggers. After you select a table within the code generator dialog, you create stored procedures or triggers by pointing and clicking on the options you desire. You can create, insert, delete, update, and select stored...

6/3,K/12 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2012 Gale/Cengage. All rts. reserv.

01468171 SUPPLIER NUMBER: 10975450 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Get GUI fast! (the benefits of graphical user interfaces in programming)(includes a related article on IBM's Common User Access architecture) (Cover Story)

Orfali, Robert; Harkey, Dan

Computer Language, v8, n7, p36(5)

July, 1991

DOCUMENT TYPE: Cover Story ISSN: 0749-2839 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2750 LINE COUNT: 00216

...ABSTRACT: under Microsoft Windows, OS/2 Presentation Manager, Motif, Open Look and Apple's Macintosh. Aspects to consider when selecting a GUI development environment are discussed, and a classification scheme is developed to categorize the tools available. Tools that are best for C and C++ programmers writing client/server...

... of requirements we compiled when we did our comparison shopping:

* C should be in control, not the tool. In general, procedural

code (everything except the GUI) should be created outside the tool environment using C or C++. The program should call the tool, not vice versa. We prefer to code initialization, LAN communications, and remote procedure calls using C, as opposed to doing it from within the specialized and vendor-specific environment of a GUI tool...

...They all promise to make you more productive. Instead of reviewing all the tools, we present in this section a classification scheme. We divide GUI tools into four categories: in-line code generators, C-based tools, event-driven tools, and object-oriented tools.

Code generators

Tools in this category generate code that you can include in your C programs. These tools usually provide a...

...files. The code creates the main() loop and provides skeleton window and dialog procedures. You can then edit the source-code files to add whatever procedural code is required by your application.

In addition, you must write the code that services low-level GUI constructs, such as...

V. Additional Resources Searched

No results were found in the Internet & Personal Computing Abstracts through EBSCO.
No results were found in the Financial Times through Proquest.